

Title (en)
COAXIAL CONNECTORS

Title (de)
KOAXIALVERBINDER

Title (fr)
CONNECTEURS COAXIAUX

Publication
EP 1831969 A1 20070912 (EN)

Application
EP 05826384 A 20051222

Priority
• EP 2005057118 W 20051222
• US 2513904 A 20041230

Abstract (en)
[origin: WO2006069972A1] A coaxial connector mountable on an end of a coaxial cable having a central conductor (cc) and an exterior conductor (ce), the connector comprising a first conductive contact element (2; 27; 38; 40) for contacting the central conductor (cc), a second conductive contact element (4; 21; 302; 411) for contacting the exterior conductor (ce) electrically isolated from the first contact element, a clamping member (5; 22; 42) opposing the second contact element for clamping the exterior conductor against the second contact element and a force applying member (6; 23; 441) for forcing the clamping member and the second contact element towards each other, wherein the second contact element and/or the clamping member comprise at least one deforming member (502; 222-223; 423-424) for deforming the exterior conductor (ce) under influence of the force applying member, wherein each deforming member (502; 222-223; 423- 424) is constructed in a material with a predetermined hardness above that of the material of the exterior conductor and has a predetermined shape for hardening a portion of the exterior conductor to such an extent that it becomes substantially fully elastic.

IPC 8 full level
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CPC (source: EP US)
H01R 24/564 (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2006069972A1

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